

# BY AUTHORITY.

For the information of the public the following resolution of the Executive and Advisory Councils of the Republic of Hawaii, passed July 12th, 1894, is republished.

Resolved, that the President and members of the Executive Council shall be officially addressed simply by the titles of their respective offices, thus, "To the President," or "Mr. President," and similarly the members of the Cabinet. The terms "Excellency," "Honorable" and words of like import shall not be used in officially addressing the members of the Executive Council.

The Evening Bulletin,

with which is incorporated the "Independent."

DANIEL LOGAN, Editor.

SATURDAY, - OCT. 19, 1895.

## A SEWERAGE SYSTEM

In 1890 G. F. Alardt, C. E., prepared for L. A. Thurston, Minister of the Interior, a complete report on "The Sewerage of Honolulu." This report was fairly exhaustive and accompanied with plans and specifications. It described a plan in accordance with the then latest sanitary engineering at a cost that would be extremely cheap for the great benefit it would confer upon the city. In his introductory remarks Mr. Alardt described the situation concisely in the following words:

The necessity of the efficient sewerage of towns and cities is unquestioned in modern times. No city can be considered to be in a proper sanitary condition which has failed to provide some means for removing from its limits all organic and animal matter liable to decompose and become obnoxious to the health or comfort of its inhabitants. No advantages of climate will counteract or render harmless the evil effects resulting from the accumulation of sewage matter in vaults and cesspools, and, although Honolulu is justly celebrated for its salubrious climate, its authorities cannot begin too soon the work of abolishing the system of vaults and cesspools, which up to the present have been the sole receptacles of the city's sewage.

Mr. Alardt gave a tabular exhibit of the results attained by the introduction of sewers in twelve English towns, ranging in population from seven or eight thousand to sixty-eight thousand. In all excepting four the rate of mortality was greatly decreased, and those four showed small reductions in the rate. In Newport the saving of life was 32 per cent, the reduction of typhoid fever 62 per cent, and of phthisis 34 per cent. Dover's death rate was only reduced 7 per cent.—it was 22.6 before having sewers—but there was a reduction of typhoid fever of 36 per cent and of phthisis of 20 per cent. Croydon's death rate came down 22 per cent, and its typhoid fever record 63 per cent and phthisis 17 per cent. Computing the averages in the twelve towns, it is found that the death rate had decreased 18 per cent, typhoid fever 47 per cent and phthisis 30 per cent. "This occurred," Mr. Alardt remarked, "in the temperate climate of Great Britain. It may be reasonably inferred that the introduction of an efficient system of sewerage in a city like Honolulu, exposed to the burning rays of a tropical sun, will result in a still greater improvement in the sanitary condition of its inhabitants, and a greater reduction in the percentage of mortality.

Mr. Alardt, in taking up the question of a system, quotes George B. Waring, the well-known sanitary engineer and author, as having abandoned his favor for the earth closet system, with

which his early writings made people familiar. Writing in 1884 Mr. Waring said, "The water system, properly developed, is as much better than the earth system as the earth system is better than the old vault and cesspool system." Owing to the slight rise and fall of the tides and the low elevation of the city front, Mr. Alardt held that the sewage would require to be pumped from a reservoir 2000 feet to outside tide water. It would never do to have it discharged into the harbor. He considered that the power for running the pump could be developed with the daily flow of 48,000 gallons of water discharged through a four-inch pipe under 300 feet head. The cost of the outfall works, including engine, brick sewer and iron discharge pipe, he estimated at \$29,000, and \$6,000 additional if water power was adopted. Mr. Alardt lays down the routes for a complete system of sewers, adequate for a long time to come, which would cost, inclusive of the outfall works, \$263,541. But a system of less range to meet the urgent necessity of the present is described, which would cost but \$121,694.

There is more matter in Mr. Alardt's report, which we reserve, on account of limited space, for future issues. It is probable that his plan will fit with whatever modern system the Government will, after the present investigation, decide to adopt. His complete delineation of routes and detailed estimates of cost of sewers must prove a valuable aid to the Government in formulating any sewerage system.

## OBSERVATIONS:

Yes, make everything a "misdemeanor" that does not comport with the conduct of the padded and pap-fed noonday organ.

"Our Jack comes home tonight," will be the happy sentiment in many a home this evening, with the raising of the quarantine from the gallant coasting seamen.

As its journey is against the sun, the next rapidly shifting base of filibuster expeditions against Hawaii ought to be Sable Island, the graveyard of the North Atlantic. Inside of a year it should get round the world to French Frigate Shoals and then it would be in Hawaii sure.

There is a pretty fair gauge of Honolulu's heart in the accounts of the Hawaiian Relief Society. The relieving of the wants of twenty-one thousand people in a week is a grand showing. More than four thousand dollars remains in bank, which it may now be hoped will not need to be drawn upon much more for present necessities. It will afford a respectable nucleus for the funds of the permanent organization.

Children's shoes are selling at the Temple of Fashion Clearance Sale this week at bedrock prices, all sizes, a most complete stock in both black and tan, button or lace; also a fine line of children's slippers. These goods are from 50 cents to 75 cents the pair, also an extra fine line at \$1.00 per pair. These goods will cost you 50 per cent more at any other store in town.

COME ON! COME ON! COME ON!

## Grand Opening

At 7:30 this evening.

The Louvre, The Louvre.

The Celebrated Seattle Beer on draught. A Band will be in attendance.

Edward & Harry.

No. 91, Nuuanu street. 131-11

## Timely Topics

—ON THE—  
MONARCH AND TRIBUNE.



The latest news concerning bicycles on the Coast is to the effect that wheels are becoming more popular than ever and that the trade in wheels is developing to an enormous extent.

Los Angeles wheelmen are having trouble with their pneumatic tires, as some evilly disposed person is scattering tacks in the city streets, but a few tacks more or less will not make much difference on Honolulu streets, for they are so full of holes into which the tacks would naturally drift that the wheels would bounce over them, holes and all. Everybody is using a bicycle, and the Monarch and Tribune are the wheels having the largest sales.

Bicycles are even coming into use at funerals, for we read that in a Wisconsin village recently a funeral procession was very largely made up of men and women on bicycles, the deceased having been a member of a bicycle club. It may seem a little odd at first to go to a funeral on a bicycle, especially in bloomers of the colors generally worn, but the time is coming in which the ladies will have appropriate bloomers. The Monarch Ladies' Wheel is the proper one for processions of all kinds; and not to have one is to get left in the rear.

An absent-minded Attleboro (Mass.) man left his bicycle in front of the postoffice in that town recently and walked home. The next morning he looked in vain for it in his barn, finally remembered where he had left it, and, going there, found it in the same spot where he had left it. The people of that town must have been equally as honest as those of Honolulu, and business must have been about as dull as it was here when the Board of Health put an embargo on business of all kinds and nearly stopped bicycle traffic.

But times are better now and we expect to sell about 500 wheels between now and Christmas. We have a large lot of Monarch and Tribune wheels on hand, racers, ladies' and children's wheels and a complete assortment to suit all sizes and conditions of men.

We shall receive by the bark S. N. Castle a fresh shipment of Monarch and Tribune wheels, bicycle lamps and fittings of all kinds, as well as a large consignment by the Australia on Monday. Call and see us after getting prices elsewhere.

The Hawaiian Hardware Co. Ltd.  
Opposite Spreckels' Block,  
507 FORT STREET.

## New Advertisements.

### Lost.

A COLLECTION BOOK ALPHABETICALLY arranged. Finder will be rewarded and receive thanks by returning to Y. BARNES, Masonic Temple Building or at Ogura & Co. Merchant St. 131-31

### To Let

THE HOUSE LATELY OCCUPIED BY Judge Bickerton, on Alakea street, between Hotel and Beretania streets, on the Hotel grounds, nearly opposite Pacific Club building. Apply to JOHN S. McGREW, Hotel Street. 131-11

## Hawaiian Lodge

NO. 21, F. AND A. M.



SPECIAL MEETING OF HAWAIIAN Lodge No. 21, F. and A. M., will be held at the Masonic Temple Sunday afternoon, at 3 o'clock, for the purpose of attending the funeral of our late brother Samuel Louissou, Pacific Lodge U. D. A. F. and A. M. Lodge Le Progres de la Oceanica No. 12 A. F. and A. M. and all adjoining brethren are fraternally invited to attend. T. E. WILSON, Secretary. 131-11

## POI! POI!

Van Doorn & Co., Fort Street

Next Lucas' Planing Mill, will have fresh every day

MACHINE MADE POI

FROM THE KALIHU POI FACTORY,

Which will be sold to families in large or small quantities. No CONTAINERS FURNISHED.

W. L. WILSON, Proprietor Kalihu Poi Factory. 131-11

## Knights of Pythias.

### Funeral Notice.

MEMBERS OF MYSTIC LODGE NO. 2, K. of P., are hereby notified to attend at their Castle Hall, Sunday, Oct. 20th, at 2 p. m., for the purpose of attending the funeral of our late brother Samuel Louissou.

Members of Oahu Lodge and visiting brothers are invited to attend. Per order of the C. C. A. E. MURPHY, K. of R. & S. 130-21

### Cook's Music School.

THOMAS E. COOK, for fifteen years Principal of Cook's Musical Institute, Portland, Oregon, is prepared to give

PIANO, VOICE AND HARMONY LESSON.

For terms apply at the Studio.

WARING'S BUILDING, Beretania street. 125-5m

### Rooms to Let.

NEATLY FURNISHED ROOMS TO LET at No. 4 Garden Lane, at very reasonable rates. 109-11



TREGLLOAN

500 PAIR

PANTALOONS

FROM \$5.00 UP.

METROPOLITAN MEAT CO.

51 King Street.

G. J. WALLER - - - MANAGER.

WHOLESALE AND RETAIL

BUTCHERS

- AND -

Navv Contractors.

## Queen : Street : Store

Grocery Dept.

EVAPORATED FRUITS: PEACHES, PEARS, APRICOTS, PRUNES, APPLES, Etc.

ASSORTED CHUTNEYS, HAMS, QUEEN OLIVES.

## MORTON SOUPS:

HOTCH POTCH, VEGETABLE, CHICKEN BROTH, MULLIKATAWNY, OX CHEEK, ETC., ETC.

Tinned Butter, Top of Can Butter, Whitney Roll Butter, Potted Meats, Baked Turkey, Chicken, Deviled Ham, Lunch Tongues, Boneless Herring, Boston Baked Beans and a complete line of

Breakfast Cereals

## Fort : St. : Store, : No. : 10.

Holiday Goods.

Marseilles Quilts, Toilet Quilts.

## FLUTTER DUCK:

SILKS AND SURAHNS, Fancy Colored Silks

AND Drapery Silks.

Crepe Grenadines, Real Maltese Lace, Valenciennes Lace, Ladies and Gents Kimberly Gloves, Ladies Cloths Brown, Drab and Grey, Ladies Black Hose, Sanitary Dye, D. P. Corsets, R. and G. Corsets, Equipped Waists and Corsets.

John T. Waterhouse.



WATCH THE SUNLIGHT Glisten on these ORANGE RIMS.

## The Ideal Exercise is Found Upon a Wheel.

Each year sees new devotees of the sport of cycling, as its benefits and conveniences become better known. Cycling has passed from the world of luxuries to the realm of necessities. It is a recognized social factor. The world of "Society" has stamped it with the hall-mark of its approval. The busy man of affairs, the physician, the minister, the lawyer, the clerk, the mechanic—in fact all classes find in the wheel the ideal mode of locomotion.

In everything there must be a best, and our claim is that we have the best wheels ever brought to this market. The Sun glistens on the Orange Rim, and you know a "Stearns" is passing you. You look at it and say, it is "a thing of beauty", and must be "a joy forever".

We want to please each and every customer, and to those who say the "Columbia" or the "Rambler" is the best we want to say, you are right, they are both in the same class with the "Stearns", and these three highest grade wheels made in the U. S. have their headquarters at our store.

We have sold two "Stearns", two "Columbias" and two "Ramblers" during the past week, so honors are easy, and they are all leaders so far.

For cheaper grade wheels we have those we can sell for \$50.00, 60.00, 90.00, 95.00 and 100.00, and you will be surprised to see what strong, light, well made wheels you can buy at these figures.

Remember our high grade wheels, "Stearns", "Columbia", "Rambler", and when you want the best to be had get one of these, don't get a lower grade, lower priced wheel, because some one tells you it is just as good, but consult your common sense, which will tell you that these makes have earned their reputations.

Any one wanting a high grade wheel, sold with a Guarantee should call upon

E. O. HALL & SON.